

CLAIMS

1. A coating composition comprising:
100 parts by weight of radical polymerizable monomer which
5 comprises:
(A1) 0.1 to 20 wt% of at least one radical polymerizable
monomer selected from the group consisting of a radical
polymerizable monomer having a silanol group or a group which
produces a silanol group through hydrolysis and a radical
10 polymerizable monomer having an isocyanate group,
(B1) 0.1 to 50 wt% of radical polymerizable monomer (excluding
one containing only an oxycarbonyl group derived from a
(meth)acryloyloxy group as an oxycarbonyl group) other than
the component (A1) which has at least one oxycarbonyl group
15 in a molecule, and
(C1) 30 to 99.8 wt% of another radical polymerizable monomer
different from the components (A1) and (B1),
(D1) 0.01 to 20 parts by weight of photochromic compound,
and
20 either no amine compound or up to 20 parts by weight of amine
compound.

2. The composition of claim 1, comprising the amine
compound in an amount of 0.1 to 20 parts by weight.

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3. A coating composition comprising:
100 parts by weight of radical polymerizable monomer mixture
which comprises:
(A2) 0.01 to 20 wt% of maleimide compound, and
30 (B2) 80 to 99.99 wt% of another radical polymerizable compound
different from the component (A2),
(D1) 0.01 to 20 parts by weight of photochromic compound,
and
either no amine compound or up to 20 parts by weight of amine

compound.

4. The composition of claim 3, wherein based on the weight of all radical polymerizable monomers, the component
- 5 (B2) comprises:
- (i) (A1) 0.1 to 20 wt% of at least one radical polymerizable monomer selected from the group consisting of a radical polymerizable monomer having a silanol group or a group which produces a silanol group through hydrolysis and a radical
- 10 polymerizable monomer having an isocyanate group,
- (B1) 0.1 to 50 wt% of radical polymerizable monomer (excluding one containing only an oxycarbonyl group derived from a (meth)acryloyloxy group as an oxycarbonyl group) other than the component (A1) which has at least one oxycarbonyl group
- 15 in a molecule, and
- (C1) 10 to 99.79 wt% of another radical polymerizable monomer different from the components (A1) and (B1), or
- (ii) 0.1 to 20 wt% of the component (A1) and 60 to 99.89 wt% of the component (C1), or
- 20 (iii) 0.1 to 50 wt% of the component (B1) and 30 to 99.8 wt% of the component (C1), or
- (iv) 80 to 99.99 wt% of the component (C1).

5. The composition of claim 3 or 4, comprising the
- 25 amine compound in an amount of 0.1 to 20 parts by weight.

6. An optical article having a coating layer formed on at least one surface of a light transmittable substrate, the coating layer comprising a cured product of the
- 30 composition of claim 1.

7. An optical article having a coating layer formed on at least one surface of a light transmittable substrate, the coating layer comprising a cured product of the

composition of claim 3.

8. Use of the composition of claim 1 for coating a light transmittable substrate.

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9. Use of the composition of claim 3 for coating a light transmittable substrate.